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COTTON LITERATURE

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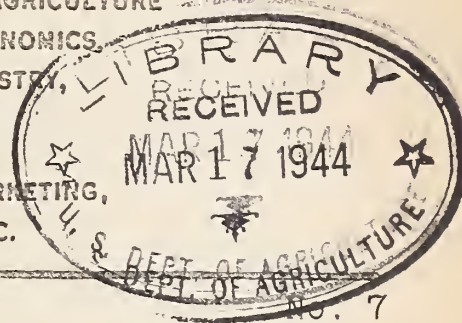
WITH THE COOPERATION OF THE BUREAU OF AGRICULTURAL ECONOMICS

AGRICULTURAL MARKETING SERVICE, BUREAU OF PLANT INDUSTRY,

AND BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING,

AGRICULTURAL MARKETING SERVICE, WASHINGTON, D.C.



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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.

PRODUCTIONBotany

1953. Ahmad, Nazir. Maturity of cotton fibre. Indian Textile Jour. 50 (595): 198-199. Apr. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
"The first of a series of lectures organized by the Textile Association (India), Bombay, which was established in April 1939."
1954. Dastur, R. H., and Mensinkai, S. V. Isoelectric point of the proteins of the tissues of the cotton plant in relation to the pH of the cell sap. Indian Bot. Soc. Jour. 17(2 & 3): 149-160. June 1938. (Published by F. H. Rauleder at Associated Printers, 165 Mount Road, Madras, India) 450 J821
Literature cited, pp. 159-160.

See also Item no. 2217.

Genetics and Plant Breeding

1955. Hutchinson, J. B., and Silow, R. A. Gene symbols for use in cotton genetics. Jour. Hered. 30(10): 461-464. Oct. 1939. (Published by American Genetic Association, 308 Victor Bldg., Washington, D. C.) 442.8 Am3
Literature cited, pp. 463-464.
"A proposed list of standard symbols for cotton genes is given. Genes in Old World cottons ($2n = 26$) are given italicised symbols and genes believed to be similar in New World cottons ($2n = 52$) are given the same symbols but these are not italicised until their identity has been genetically demonstrated." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(8): 194. Apr. 30, 1940.
1956. Yamada, N. Hybridization between cultivated Asiatic and cultivated American cotton species. A review. Jap. Jour. Genet. 16(2): 79-86. Apr. 1940. (Published by the Genetic Society of Japan, Tokyo, Japan) 442.9 J27
In Japanese.

See also Item no. 2223.

Agronomy

1957. Brown, H. B. Registration of improved varieties, II. Amer. Soc. Agron. Jour. 32(1): 83. Jan. 1940. (Published in Geneva, N. Y.) 4 Am34P
"Texacala cotton, formerly known as Roger Acala III, has been officially approved for registration. It is very uniform, gives excellent yields especially under slightly arid conditions, has staple length 1-1/32 to 1-1/8 in. and lint percentage of 34 to 38,

and is somewhat earlier than other Texas big boll varieties." -
 Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(8): 190. Apr.
 30, 1940.

1958. Butler, Eugene. Let's increase acre yields of cotton. Prog. Farmer (Tex. ed.) 55(7): 3, 30. July 1940. (Published at 1105 Southland Life Annex, Dallas, Texas) 6 T311
 Increasing cotton yields in Texas by the use of commercial fertilizer, legumes and better production methods is suggested.
1959. Chavirin, Ivan. A cultura do algodoeiro e a técnica do aproveitamento da sua produção. Ouro Branco 5(11): 8-10, 12. Mar. 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil)
 The cultivation of cotton and the technique of improving its production.
1960. Chester, K. Starr. Seed treatments for cotton. Okla. Agr. Expt. Sta. Cir. 89, 8pp. Stillwater, 1940.
 "Originally published in Cotton and Cotton Oil Press, March 16, 1940."
1961. Hamblin, I. E. Purpose of cultivation is to control weeds; least cost to grower and least injury to plants are main objectives. Miss. Farm Res. 3(6): 2. June 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)
 Report of cotton cultivation tests.
1962. Harris, Charles E. Florida WPA assists sea island cotton rehabilitation program. Project establishes effective weevil control for slow-maturing type. Cotton Trade Jour. 20(24): 1, 7. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.)
 72.8 08214
1963. Hurst, F. J. Up go cotton yields. Prog. Farmer (Miss. Val. ed.) 55(5): 10. May 1940. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
 "Farmers of Tunica County, Miss., during the past 4 years have averaged 457 pounds of lint cotton per acre. In 1939 they produced the remarkable yield of 518 pounds of lint cotton per acre on 62,070 acres."
1964. India--cotton growing in Hyderabad. Textile Weekly 25(639): 639. May 31, 1940. (Published at 49, Deansgate, Manchester, 3, England)
 304.8 T3127
 Brief report of the results of experiments with the improved variety, Gaorani no. 6 is given.
1965. Kuykendall, Roy. Legume nitrogen for cotton production in the Yazoo-Mississippi delta. Miss. Farm Res. 3(6): 3-7. June 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)
 The purpose of this article "is to discuss the production of

legumes and the beneficial results obtained therefrom in the Yazoo-Mississippi Delta."

1966. Randolph, John W., Reed, I. F., and Gordon, E. D. Cotton-tillage studies on red bay sandy loam. U. S. Dept. Agr. Cir. 540, 54pp. Washington, D. C., 1940. 1 Ag84C
Literature cited, p. 54.
1967. Riso, Raffaele. Il cotone nazionale Biancavilla e la sua particolare importanza per la filatura dei misti. Bollettino della Cotoniera 35(2): 71-73. Feb.-Mar. 1940. (Published at Via Borgonuovo 11, Milano, Italy) 304.8 B63
The national cotton, Biancavilla, and its particular importance for the spinning of mixtures.
1968. Rodriguez G., J. Marciano. Consejos prácticas para el cultivo del algodón. Ed. 2, 79pp. Managua, D. N., Nicaragua, 1938.
Practical advice on cotton cultivation (including insects and diseases).
1969. Sardar Labh Singh, S. S. Erroneous idea of watering American cotton after the 15th of October. India. Punjab Agr. Dept. Seasonal Notes 18a(2): 19-21. Oct. 1939. (Published in Lahore, Punjab, India) 22 In272
Experiments in India are noted.
1970. Watkins, D. W. What's your grade as a cotton grower? Prize winning farmers' own experiences 1927-39. Prog. Farmer (Car.-Va. ed.) 55(4): 12, 60. Apr. 1940. (Published at Professional Bldg., Raleigh, N. C.) 6 P945
Cotton Score Card with directions for use included.

See also Items nos. 2060, 2063, 2081, 2142, 2187, 2216, 2219, 2221, 2223, 2226, 2233.

Diseases

1971. Armstrong, G. M., MacLachlan, J. D. and Weindling, R. Variation in pathogenicity and cultural characteristics of the cotton-wilt organism, *Fusarium vasinfectum*. Phytopathology 30(6): 515-520. June 1940. (Published by American Phytopathological Society, North Queen St. and McGovern Ave., Lancaster, Pa.) 464.8 P56
1972. [Dunlap, A. A.] Cotton disease control talk is offered at Waco. Texas agricultural experiment station chiefs and aides present subject. Cotton Trade Jour. 20(26): 8. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.
1973. Greathouse, G. A. and Rigler, N. E. The chemistry of resistance of plants to *Phymatotrichum* root rot. V. Influence of alkaloid on

growth of fungi. *Phytopathology* 30(6): 475-485. June 1940.
(Published by American Phytopathological Society, North Queen St.
and McGovern Ave., Lancaster, Pa.) 464.8 P56

See also Items nos. 1968, 2223, 2226.

Insects

1974. A., A. M. Control of cotton stainers in the West Indies. *Trop. Agr. [Trinidad]* 17(6): 119. June 1940. (Published by the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, West Indies) 26 T754
1975. Blitzkrieg! ...cotton insect style. *Cotton and Cotton Oil Press* 41(13): 7, 16. June 22, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Insect control by dusting is urged.
1976. Hambleton, E. J. Experiencias para combater o percevejo "*Horcius nobilellus* (Berg)" do algodão. Instituto Biologico, São Paulo, Arquivos 10: 207-218. 1939. (Published at Caixa Postal 2821, São Paulo, Brazil) 442.9 Sa6
Bibliography p. 218.
English abstract, pp. 217-218.
Experiments for the control of the plantbug "*Horcius nobilellus* (Berg)" on cotton.
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Bibliography, pp. 247-248.
English abstract, p. 247.
Notes on lepidoptera affecting cotton in Brazil.
1978. Lever, R. J. A. W. The jassid leaf-hopper of cotton. *Fiji Dept. Agr. Agr. Jour.* 11(1): 16-17. Mar. 1940. (Published in Suva, Fiji Islands) 25 T47Ag
References, p. 17.
1979. Look out for the late crop. *Farm and Ranch* 59(6): 26. June 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
Insect control methods are noted.
1980. [Lyle, Clay] No boll weevil in Mississippi. *Cotton Digest* 12(37): 11. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Brief report on insect situation in Mississippi.
Also in *Cotton and Cotton Oil Press* 41(13): 15. June 22, 1940.

1981. [Lyle, Clay] Say Mississippi boll weevils few compared to 1939. Cotton Trade Jour. 20(24): 7. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(36): 10. June 15, 1940.
1982. Lyle, Clay. Summer months draw attention to cotton insects. Miss. Farm Res. 3(6): 1-2. June 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)
Control methods are suggested.
1983. Neal, D. C. Cotton wilt and root-knot nematode. Better Crops with Plant Food 24(2): 36-37. Feb. 1940. (Published by American Potash Institute, Inc., Investment Bldg., Washington, D. C.) 6 B46
1984. Pinochet, Hermes Muñoz. El empleo del avion en la lucha contra las plagas del algodonnero. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual, no. 59, pp. 105-109. Mar. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
The use of airplanes in the struggle against cotton pests.
1985. Sauer, H. F. G. Biologia de "Calliophialtes dimorphus Cushm." (Hym. Ichn.) um interessante parasita primario de "Platyedra gossypiella (Saunders)". Instituto Biologico, São Paulo, Arquivos 10: 165-192. 1939. (Published at Caixa Postal 2821, Sao Paulo, Brazil) 442.9 Sa6
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Biology of "Calliophialtes dimorphus Cushm." (Hym. Ichn.) an interesting primary parasite of "Platyedra gossypiella (Saunders)."
1986. Spray gives good control of cotton fleas. Prog. Farmer (Tex. ed.) 55(7): 28. July 1940. (Published at 1105 Southland Life Annex, Dallas, Texas) 6 T311
Brief report of test by the Texas Agricultural Experiment Station on control of flea hoppers by spraying with sulphur.
1987. Thomas, F. L. Cotton insect situation in Texas. Prog. Farmer (Tex. ed.) 55(7): 29. July 1940. (Published at 1105 Southland Life Annex, Dallas, Texas) 6 T311
1988. [Thomas, F. L.] Flea hopper and boll weevil. Farm and Ranch 59(6): 32. June 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
Current insect situation in Texas is discussed.
1989. [Thomas, F. L.] Flea hopper average is below danger mark. Cotton Trade Jour. 20(24): 4. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Brief report on the insect situation in Texas.
Also in Cotton Digest 12(36): 10. June 15, 1940.
1990. [Thomas, F. L.] Flea hopper brood increasing, Texas entomologist says. Cotton Trade Jour. 20(22): 5. June 1, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Discussion of the insect situation in Texas.
Also in Cotton Digest 12(35): 5. June 1, 1940.

1991. [Thomas, F. L.] Pest infestation in Texas reported below danger mark. Cotton Trade Jour. 20(25): 5. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(37): 5. June 22, 1940; Cotton and Cotton Oil Press 41(13): 22. June 22, 1940.
1992. [Thomas, F. L.] Say boll worms to hit Texas in successive waves. Other pests increasingly active, but pink one to give most trouble. Cotton Trade Jour. 20(26): 3. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(38): 9. June 29, 1940.
1993. [Thomas, F. L.] Say flea hoppers, boll weevils on increase in Texas. Thrips injury reported widespread in the earlier planted fields. Cotton Trade Jour. 20(23): 3. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(35 i. e. 36): 4. June 8, 1940; Cotton and Cotton Oil Press 41(12): 21. June 8, 1940.
1994. Townsend, Charles H. T. Further fly parasites of *Dysdercus*. Revista de Entomologia 8(3-4): 347-348. June 25, 1938. (May be obtained from H. W. St. John & Company, 18, Pearl St., New York, N. Y.) 421 R326
"Descriptions are given of four more new species of flies bred from *Dysdercus* in Sao Paulo. They are *Hyalomyia* (*Alophoropsis*) *brasiliensis* and *H.* (*Euphorantha*) *dysderci* from *D. mendesi* Blöte, and *D. ruficollis* L.; and *Paraphorantha politana* and *N.* (*Phoranthella*) *mendesi* from *D. mendesi*; *Clistomorpha* (*Hyalomyodes*) *brasiliensis* Tns. and *Eutrichopoda abdominalis* Tns were also reared from *Dysdercus*." - Empire Cotton Growing Rev. 16(3): 236. July 1939.
1995. The weather and cotton insects. Farm and Ranch 59(6): 24. June 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
"None of the four major insect pests of the Southwest are at all affected by midwinter cold except the boll weevil, and even the boll weevil is less susceptible to severe cold at that season than at any other period of the year."

See also Items nos. 1962, 1968, 2221, 2226.

Farm Engineering

1996. [Rust, J. D.] Cotton picker ready in fall. Cotton Digest 12(37): 7. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 236.82 C822
Improvements in the Rust cotton picker are noted.

Farm Management

1997. Andrews, Stanley. More cotton--less acres--lower cost. Amer. Cotton Grower 6(1): 8-9, 16. June 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
The effect of the increased yields per acre on costs of production in certain sections is discussed.
1998. Holmes, H. C. Safe and sound cotton farming in Tennessee. Tenn. Agr. Coll. Ext. Pub. 229, 16pp. Knoxville, 1939.
References, p. 16.
Advice on farm management is given.
1999. Johnson, Sherman E., and Kifer, R. S. Mechanization and the use of labor on farms. 15pp., processed. Washington, U. S. Dept. of Agriculture, Bureau of agricultural economics, 1940.
"Tables and charts presented...at the hearings before the Civil Liberties Committee, May 10, 1940."
Labor used per acre to produce corn and cotton by areas at different periods 1909-36, p. 6.
2000. Lutri, Ignazio. La consociazione del cotone con vite e ortaggi. Giornale di Agricoltura della Domenica 50(9): 68. Mar. 3, 1940.
(Published at Palazzo Margherita, Via Vittorio Veneto, Rome, Italy) 16 It1G
The union of cotton with vineyards and vegetables.

Cotton Land Resources

2001. McCarty, Harold Hull. The geographic basis of American economic life. 702pp. New York, Harper & Brothers publishers, [1940] 278.12 M13
Chapter XIV. - The cotton belt--the cotton economy, pp. 329-351;
Chapter XV. - Agricultural sections of the cotton belt, pp. 352-372;
Chapter XVI. - Cotton belt cities, pp. 373-389. References are given at the end of each chapter.

Farm Social Problems

2002. Ham, William T. The impact of industrial, labor, and agricultural control policies upon farm labor. (A statement of the problem) Rural Sociol. 5(1): 46-58. Mar. 1940. (Published by the Louisiana State University Press, University, La.) 281.28 R88
"A paper read at the joint session of the Rural Sociological Society and the American Farm Economic Association, at Philadelphia, Pennsylvania, December 29, 1939."
"In the South, mechanization is likely to continue. Present prospects in the domestic and export market for cotton hold little promise of any immediate return to a forty-million acre cotton crop. Reduction of the number of tenants and wage hands, under these circumstances, seems inevitable. Here, as elsewhere in the nation, we recognize the seriousness of a situation in which farm labor lacks

access to industrial opportunity. To the failure of industrial production to expand, the control policies of industry and of labor are contributing. The agricultural policies, on the other hand, with their necessary emphasis upon control of production, cannot offer avenues of escape. In the meanwhile a population increase since 1930 of some six million souls adds to the difficulties."

2003. Ham, William T., and Folsom, Josiah C. Number, distribution, composition, and employment status of the farm labor group in the United States. [67] pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.

"Tables and charts presented at the hearings before the Subcommittee on Senate Resolution 266 (74th Congress), of the Senate Committee on Education and Labor, May 8, 1940."

Includes labor in cotton areas.

2004. McNeill, John M., comp. Farm tenancy in the United States, 1937-1939, a selected list of references. U. S. Dept. Agr. Bur. Agr. Econ. Agr. Econ. Bibliog. 85, 160pp., processed. Washington, D. C. 1940. 1.9 Ec73A

Supplements Agricultural Economics Bibliography No. 70.

For items relating to tenancy in the Southern states consult the index.

2005. Mangus, A. R. Rural regions of the United States. ix, 230pp. Washington, U. S. Work Proj. Admin. Div. Res., 1940.

This report "provides a geographic background for analyses of the problems of relief and unemployment. Definite rural regions are set up within which social and economic conditions are relatively uniform and among which there are significant differences. Two different sizes of areas are delimited, as obviously a greater degree of internal similarity is possible in small than in large regions. On the basis of carefully selected cultural indices, the counties of the United States have been classified into 218 rural-farm subregions. These in turn have been combined into 32 general rural-farm regions." Cotton regions are included.

2006. U. S. Dept. of agriculture. Farm tenure improvement. Landlord-tenant cooperation and leasing procedure. 63pp., processed. Washington, D. C., 1940.

See also Items nos. 1999, 2213.

Cooperation in Production (One-Variety Communities)

2007. [Saunders, J. M.] One-variety plan no touchstone of success...points way for others. Cotton Trade Jour. 20(26): 7. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.

See also Item no. 2126.

PREPARATIONGinning

2008. Cherry, Tom D. Texas co-op gins waste million dollars annually. Prog. Farmer (Tex. ed.) 55(7): 8. July 1940. (Published at 1105 Southland Life Annex, Dallas, Texas) 6 T311
Ginning costs can be reduced one dollar a bale by careful planning.
2009. The cotton ginners' forum. Cotton Ginners' Jour. 11(9): 7, 10, 15-16. June 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
Extracts from the forum at the recent convention of the Texas Cotton Ginners' Association, which was conducted by Charles A. Bennett, Francis L. Gerdes and F. L. Lichte, are given.
2010. Gerdes, G. A. Timely pointers given by expert on preparing gins for operation. Higher monetary value of cotton ginned on good equipment is stressed. Cotton Trade Jour. 20(23): 1, 8. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2011. Morris, Tom. Co-op gin shows profit in 12 years out of 14 in operation. Farmer-Stockman 53(11): 3. June 1, 1940. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45
Brief account of the Cotton Farmers' Independent Gin, Hobart, Oklahoma.
2012. U. S. Dept. of agriculture. Farm credit administration. Volume as a key to successful cooperative gins. U. S. Dept. Agr. Farm Credit Admin. Leaflet L-3, 8pp. Washington, 1940.

Baling

2013. Condemns painted, greasy ties. Cotton Digest 12(37): 12. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The text of a resolution regarding bale ties and bagging, adopted at the annual meeting of the Alabama Cotton Ginners' Association, is given.
2014. [H-T band socket corporation.] Bale-band tying method is superior, promoters assert. Houston Corporation asserts no crawling, no slipping, no spiders. Cotton Trade Jour. 20(26): 3. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The method is briefly described.
2015. Standardize bale weight, warehouse association asks. Cotton Trade Jour. 20(26): 3. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Efforts of the National Cotton Compress and Cotton Warehouse Association to standardize bale weights are mentioned.

2016. Wright, John W. Excessive bale weights factor in "air cuts," says Dr. Wright. Study of 25,000 bales shows varied causation, but no air action. Cotton Trade Jour. 20(26): 3. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"Analysis of information obtained in the course of these studies showed that bale cutting results from a number of factors. Chief among these are: heavy bale weights; uneven packing at the gin; low moisture content of the cotton; character of the cotton; and compress equipment and operation."

Also in Cotton Digest 12(38): 7. June 29, 1940.

See also Items nos. 2130, 2152, 2168, 2181, 2203.

MARKETING

Demand and Competition

2017. Aktuelle rohstoffprobleme der rumänischen textilwirtschaft. Spinner und Weber 58(21): 6. May 24, 1940. (Published in Pössnek, Thür, Germany) 304.8 So41

Actual raw material problem of the Rumanian textile industry.

2018. Argentine cotton problem is acute, war main factor. Loss of German markets, not yet made good by other countries, hurts. Cotton Trade Jour. 20(24): 6. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2019. Belgium cotton industry report made just prior to occupation. Measure of importance of facilities taken by Germany is given. Cotton Trade Jour. 20(25): 6. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Summary of report on the cotton textile industry of Belgium for 1939, issued by the Association Belge des Filateurs de Coton.

2020. Bombay mill strike ends. Millowners vindicated. Indian Textile Jour. 50(595): 195. Apr. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2

The operatives were on strike during the period March 4 to April 13, 1940.

2021. Catorson, Herbert. Italy's war entry brings repercussions in trade. Rome's move held to mean further restricted outlets for U. S. cotton. Daily News Rec. No. 137, pp.1, 16. June 11, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

2022. Cotton and Scandinavia. Textile Mercury and Argus 102(2664): 389. Apr. 12, 1940. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318

An editorial discussing the effect of the German invasion of Denmark and Norway on the Lancashire textile industry.

2023. The cotton goods situation. Amer. Wool and Cotton Rptr. 54(19): 1, 37-40. May 9, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
An editorial discussion. Includes tables showing cotton consumption and spindles, 1921-1940, and percentage of activity, single-shift, August 1921, to November 1939.
2024. Cotton stamp plan spreads. Cotton Trade Jour. 20(24): 2. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An editorial.
2025. Cotton stamp plan to be extended to war's destitute? Textile men discuss million-bale project for clothing refugee hosts. Cotton Trade Jour. 20(25): 1. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
According to the plan the cotton would be taken out of government owned stocks.
Also noted in Cotton Digest 12(37): 5. June 22, 1940.
2026. Cotton stamps hailed. Merchants are enthusiastic after FSOC launches latest plan in Memphis during annual festival. Business Week, no. 560, pp. 34-36. May 25, 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 280.8 Sy8
2027. En los Estados Unidos se ha anunciado un plan de estampillas algodonerías. Argentine Republic, Junta Nacional del Algodón, Boletín Mensual, no. 59, pp. 110-112. Mar. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
In the United States a cotton stamp plan has been announced.
2028. European textile mill destruction U. S. cotton loss. Political considerations aside, delay is seen in restoring machinery. Cotton Trade Jour. 20(22): 1. June 1, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2029. Foreign market going, going, gone? Cotton Digest 12(35): 8. June 1, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial commenting on the probable total loss of foreign cotton markets because of the war in Europe and American government policies.
2030. Handloom vs. power-loom. Views of Bombay and Ahmedabad millowners. Indian Textile Jour. 50(595): 200-201. Apr. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
"The comparative position of the imports of cotton piecegoods, the growth of the mill industry and the growth of the handloom industry is presented" in a table "which shows the percentage share of each."

2031. Heavier cottons are being moved by cotton stamps. Cotton producers receiving larger benefits than processors, FSOC notes. Cotton Trade Jour. 20(23): 5. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2032. Hill, Grover B. Aid given by the Department of agriculture in expanding the consumption of cotton. 10pp., processed. Washington, U. S. Dept. of Agriculture, 1940.
"Speech...before the Cotton Research Congress, Waco, Texas, June 29, 1940."
2033. India's handloom industry. Effect of central government's scheme. Indian Textile Jour. 50(595): 199. Apr. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Brief report on the results of the scheme for development of the handloom weaving industry in India.
2034. Italy lost as cotton customer. Cotton Digest 12(36): 10. June 15, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Table showing Italy's consumption of American and all cottons for the seasons 1931-32 to 1938-39, is given.
2035. Japan's cotton goods exports during 1939. Financ. News 8(14): 4. Apr. 13, 1940. (Published at Yusuf Bldg., 43, Esplanade Road, Fort, Bombay, India) 286.8 F496
From the Eastern Economist.
"The world's cotton goods shipments during 1939 are roughly estimated at 5,500,000,000 square yards, of which those from Japan account for 2,500,000,000 and those from Great Britain for 1,400,000,000 square yards."
2036. [Jolley, J. H.] The textile trade of Australia. Textile Weekly 25(627): 287,291. Mar. 8, 1940. (Published at 49 Deansgate, Manchester, 3, England) 304.8 T3127
"A report of a lecture, giving an account, with some statistics, of the growth of cotton spinning in Australia. The mills consume about 30,000 bales of cotton per annum but imports of manufactured cotton goods are the equivalent of 300,000 bales. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(7): 176. Apr. 15, 1940.
2037. [Lowe, B. T.] Export outlook poor, says Lowe. Cotton Digest 12(35): 3. June 1, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"Current and prospective domestic cotton mill demand and exports for the new season" are commented upon.
2038. The manufacture of tyres in the Argentine Republic and the cotton yarn for this industry. Argentine News no. 18, p. 11. Apr. 1, 1940. (Published by the Publicity and Propaganda Department, Ministry for Foreign Affairs and Worship, Buenos Aires, Argentina) 255.1 Ar37A
The tire industry used, in 1938, 1,187 tons of yarn produced in Argentina.

2039. Mexico. Departamento de estudios economicos. La industria textil en Mexico. El problema obrero y los problemas economicos. 295pp. Mexico, Talleres graficos de la nacion, 1934. 304 M57
Bibliografia y fuentes utilizadas en este estudio (Bibliography and sources used in this study), p. 295.
The textile industry in Mexico. The labor problem and the economic problems.
2040. [Murchison, Claudius T.] War wipes out foreign markets. Cotton Digest 12(38): 12. June 29, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Extracts from address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.
Also in Daily News Rec. no. 154, p. 16. July 1, 1940.
2041. New casein fiber patents granted govt. scientists. Daily News Rec. no. 139, p. 8. June 13, 1939. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
The patents were granted to Earl O. Whittier and Stephen P. Gould of the U. S. Department of Agriculture.
2042. O'Shields, William R. North and South American cotton production. Bobbin and Breaker 1(1): 11, 16-17. Mar. 1940. (Published by the Clemson Textile School, Clemson, S. C.)
Production and the textile industries of the United States and Brazil are discussed and compared. Includes a table showing consumption and spinning spindles in Brazil for the seasons 1930-31 to 1938-39.
2043. [Pabst, H. E.] Reich may resume leading place as market for U. S. cotton, view. Commissioner envisions possibility of turning to other growths. Cotton Trade Jour. 20(24): 6. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2044. Perkins, Milo. Can we use our cotton at home? 26pp., processed. Washington, U. S. Dept. of Agriculture, 1940.
"An address...at Los Angeles, Cal., before a meeting of farmers, consumers, merchants, garment manufacturers and workers in the textile trade, arranged by the California Farm Bureau Federation... June 28, 1940."
Includes a discussion of the cotton stamp plan.
Extracts in Cotton Trade Jour. 20(26): 2. June 26, 1940; Daily News Rec. no. 153, pp. 1, 7. June 29, 1940.
2045. [Poor's publishing co.] Large cotton use predicted. Cotton Digest 12(37): 4-5. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
A survey of the textile manufacturing industry of the United States.
2046. Possible temporary suspension of raw cotton transaction. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 20, p. 453. May 18,

1940. (Published in Washington, D. C.) 157 C76D

"Owing to the unfavorable outlook for the Japanese cotton textile trade, and the heavy stocks of raw cotton at Kobe and Osaka, for which exchange permits are not available, the Cotton Merchants Union (consisting of 62 importers) reportedly has reached an agreement to temporarily suspend further transactions in raw cotton pending investigation and disposal of the present stocks." - Entire item.

2047. Rubber and tin may net allies vital dollars. Washington schedules talks on acquisition of reserve supplies of two commodities against emergency...Move designed, from American view, to meet own needs; may strengthen Allies cotton purchasing. Cotton Trade Jour. 20(23): 1, 7. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2048. Severance, J. L. Europe now largely lost as market for U. S. cotton. Countries normally using 3,084,000 bales of American, 8,115,000 of all cotton nearly all cut off by war--prices rise here. Jour. Com. (N. Y.) 183(14255): 1, 17. June 12, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

2049. Textiles in Brazil. A brief account of Brazil's textile industry, which represents, by its organization and technical outfit, one of the most promising economical forces in the country. Textile Rec. 57(686): 41. May 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

"From Brazil 1938. A New Survey of Brazilian Life."

2050. U. S. Dept. of agriculture. Federal surplus commodities corporation. Designation of areas under cotton stamp program. Fed. Register 5(116): 2230. June 14, 1940. (Published by National Archives, Washington, D. C.) 169 F31

Springfield and West Springfield, Massachusetts, are the areas designated.

2051. U. S. Dept. of agriculture. Federal surplus commodities corporation. Designation of areas under cotton stamp program. Fed. Register 5(124): 2386. June 26, 1940. (Published by National Archives, Washington, D. C.) 169 F31

The area designated is the area within the city limits of Minneapolis, Minnesota, and the immediate environs thereof.

2052. U. S. Dept. of agriculture. Federal surplus commodities corporation. Name twin cities as third area in cotton stamp plan. Minneapolis and St. Paul to have try-out in cotton disposal program. Cotton Trade Jour. 20(24): 5. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2053. U. S. Dept. of commerce. Bureau of foreign and domestic commerce. Canadian production and imports of cotton manufactures. U. S.

Dept. Com. Bur. Foreign and Dom. Com. Com. Rpts. no. 23, p. 520.
June 8, 1940. (Published in Washington, D. C.) 157 C76D
Extracts in Cotton Trade Jour. 20(24): 6. June 15, 1940.

2054. A view at cotton textiles. Fibre and Fabric 93(2888): 5. June 8, 1940. (Published by Wade Publishing Co., 465 Main St., Cambridge, Mass.) 304.8 F44

Editorial on the efforts of the cotton textile industry in the United States to control production.

2055. [Wootton, Paul] War and defense...and textiles. Japan is immediate threat on world trade horizon--mobilizing industry. Textile World 90(6): 50-51. June 1940. (Published by McGraw-Hill Publishing Co., Inc., New York, N. Y.) 304.8 T315

Includes a discussion of the outlook for American raw cotton.

2056. World rayon production. Rayon Organon 11(7): 88-97. June 1940. (Published by Textile Economics Bureau, Inc., 10 East 40th St., New York, N. Y.) 304.8 T3128

Production of rayon filament yarn and rayon staple fiber for 1939, by country, is given.

See also Items nos. 2057, 2064, 2075, 2090, 2095, 2178, 2209, 2210, 2220, 2230, 2231, 2236, 2238.

Supply and Movement

2057. Abbey, Wellington F., jr. Texas export situation poor. Cotton Digest 12(35): 4-5. June 1, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Includes comment by Robert Mayer, W. D. Maxwell, L. T. Murray and J. E. McDonald.

2058. All but 500,000 of subsidy sales reported reshipped. Cotton Trade Jour. 20(24): 1. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"Latest figures show that 5,548,000 bales of subsidized cotton has been exported, with about 436,000 bales yet to be shipped under the program."

2059. Argentine cotton crop damaged by unfavorable weather. U. S. Dept. Agr. Foreign Agr. Relat. Foreign Crops and Markets 40(22): 729-730. June 1, 1940. (Published in Washington, D. C.) 1.9 St2F

A table giving Argentine cotton production estimates for the years 1936-37 to 1939-40 is included.

2060. La campagne cotonnière au Congo Belge. Comité Cotonnier Congolais Bulletin Trimestriel 5(16): 11-12. Apr. 1940. (Published at 27, Rue du Trône, Bruxelles, Belgium)

The cotton season [1939-40] in the Belgian Congo.

2061. Cotton grower in uncertain position. Farmer-Stockman 53(12): 327. June 15, 1940. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45
Outlook for American cotton.
2062. [Fletcher, C. Paul] Egyptian cotton trade under wartime conditions. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(24): 770-772. June 15, 1940. (Published in Washington, D. C.) 1.9 St2F
Table gives exports by countries, 1935-36 to 1938-39, inclusive.
2063. Free cotton seed. Cotton Digest 12(37): 9. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"The Government of Honduras has announced that it will distribute cotton seed free to farmers in order to increase the volume of cotton grown in that country. For several years cotton has been grown in small quantities in various parts of the country but cultivation barely has passed the experimental stage." - Entire item.
2064. [Greenup, Julian C.] Peru has record cotton crop for wartime demand. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(24): 772-773. June 15, 1940. (Published in Washington, D. C.) 1.9 St2F
Table gives production, exports, and domestic consumption, 1935-1939.
2065. Japanese government to continue efforts to stimulate cotton production in China. U. S. Dept. Agr. Bur. Agr. Econ. Cotton Situation, CS-44, p. 10. June 27, 1940. (Published in Washington, D. C.) 1.9 Ec752F
2066. Loans to get acid test. Cotton Digest 12(36): 8. June 15, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial commenting on the announcement by the Commodity Credit Corporation, that by July 31, 1941, the corporation would own or control between 10,500,000 and 12,500,000 bales of cotton.
2067. Louisiana grows good cotton. Farm and Ranch 59(6): 25. June 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
A table showing the percentage of the different staple lengths of the 1939 crop is given.
2068. The matter of acreage. Cotton Trade Jour. 20(23): 2. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An editorial discussing cotton acreage estimates and their importance as market information.
2069. Para la fibra de algodón tipo B. ya hay compradores arriba de 0.87 ctvs. el kilo. Las lluvias y el mal tiempo en la zona algodонера desmejora la calidad de la fibra de la presente cosecha. Gaceta Algodonera 17(195): 1-2. Apr. 30, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
For type B cotton, there are already buyers above 87 centavos

the kilo. The rains and the bad season in the Cotton Zone lowered the quality of the fiber of the present harvest.

2070. Perkins, B. J. American commercial men arriving home from Italy not optimistic on future...cotton loss at LeHavre held certain. Daily News Rec. no. 137, pp.1, 16. June 11, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 "Over 200,000 bales of American cotton, purchased and paid for by the French and stored at Havre, have been destroyed by enemy action or will be destroyed to prevent the cotton falling into German hands" it is estimated.
2071. Peru produces large crop. Cotton Digest 12(37): 7. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 Tables showing production for 1935 to 1939 and exports by country for 1938 and 1939 are given.
2072. The raw cotton outlook. American crop 11,817,000 bales: Egyptian 8,694,000 kantars; well down since 1937. Textile Weekly 25(639): 640, 643. May 31, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
 Tables showing world supply and distribution of American and Egyptian cotton, seasons 1931-32 to 1939-40 are given.
2073. Royal institute of international affairs. Information department. Raw materials. 83pp. London, Oxford university press [1939] (Information department papers, no. 18A) 286 R812 1939
 Select bibliography, p. 82.
 "Based on Raw Materials and Colonies, Information Department Papers, No. 18."
 Cotton is one of the commodities discussed.
2074. Sao Paulo cotton outlook is black, carry-over looms. World disorders together with lack of shipping limit exports hopes. Cotton Trade Jour. 20(22): 6. June 1, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2075. Sao Paulo export outlook is black, farmers hard hit. Stocks pile up as European shipments halt; Canada and Orient buying. Cotton Trade Jour. 20(23): 6. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2076. Say Germans got 7,000 bales of cotton. Daily News Rec. no. 135, p. 5. June 8, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 "It is estimated by cotton shippers that approximately 7,000 bales of unpaid-for Texas cotton shipped to Denmark, Holland and Belgium have fallen into the hands of the Germans."
2077. 60 per cent increase looms in Australia cotton imports. Port of Mobile News and Shippers Guide 15(6): 7. June 1940. (Published by Alabama

State Docks and Terminals, Mobile, Ala.)

"As domestic production of cotton in the Commonwealth will probably not exceed 13,000 bales, raw cotton imports during 1940 therefore will amount to approximately 47,000 bales."

2078. Sommers, Robert. Export prospect warrants crepe, is French view. Synthetics and exotics to replace American increasingly, says Sommer. Cotton Trade Jour. 20(23): 6. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The effects of the war in Europe on American cotton exports are discussed.
2079. Southeastern Europe: Cotton acreage [and production] by countries, 1927-28 to 1939-40. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(24): 810. June 15, 1940. (Published in Washington, D. C.) 1.9 St2F
Tables only. Countries included are Turkey, Greece, Bulgaria, Yugoslavia, and Rumania.
2080. Soviet Azerbaijan. Cotton [Manchester] 46(2211): 10. May 25, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826
"The cotton fields of Azerbaijan in 1939 yielded a crop of 220,000 tons of cotton, 30,000 tons more than in 1938. The area under cotton in 1939 was 83 per cent. greater than the area under cotton in 1913."
2081. Stewart, H. R. The Punjab as a producer of staple cottons. India. Punjab Agr. Dept. Seasonal Notes 18a(2): 9-11. Oct. 1939. (Published in Lahore, Punjab, India) 22 In272
Changes in the area producing longer-staple cottons are discussed.
2082. Todd, John A. Cotton statistics. World supply and carry-over and some war results on prices. Textile Mfr. 66(785): 176-177. May 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
Tables show world cotton crops, 1935-36 to 1939-40; highest and lowest premiums of Egyptian over American, Liverpool, 1929-30 to 1939-40; minor cotton crops of Central and South America, 1914-15 to 1938-39; spot prices of American cotton, weekly 1939-40, with prices of other varieties as percentages of American.
2083. U. S. Dept. of agriculture. Export subsidy shipment time limit extended. Deadline moved forward to October 31 for lint, November 30 for textiles. Cotton Trade Jour. 20(26): 1. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An announcement that additional time had been granted exporters of cotton and cotton products under the Cotton and Cotton Products Export Program.

2084. [U. S. Dept. of agriculture. Agricultural marketing service] Export outlook in face of war developments discussed on air. Domestic consumption represented as silver lining to darkening cloud. Cotton Trade Jour. 20(23): 7. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Text of a radio broadcast, entitled "The Cotton Situation."
2085. [U. S. Dept. of agriculture. Agricultural marketing service] Latin American cotton favored by war. Agricultural marketing service stresses belligerents saving dollars. Cotton Trade Jour. 20(26): 6. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from a radio broadcast, entitled, Cotton in Latin America, are given.
Prospects for increased production in South America are discussed.
2086. [U. S. Dept. of agriculture. Agricultural marketing service] See expanded cotton production in British East African region. Government fostered cotton farming continuing on expanded scale. Cotton Trade Jour. 20(24): 1, 7. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
A radio program broadcast June 15, 1940.
2087. [U. S. Dept. of agriculture. Commodity credit corporation] Loan cotton increase. Cotton Digest 12(36): 7. June 15, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"Carl Robbins, president of the Commodity Credit Corporation estimated this week that by July 31, 1941, the Corporation would own outright or hold under loan between 10,500,000 and 12,500,000 bales of cotton." - Entire item.
2088. West Indian cotton. Last crop and estimate for 1939-40. West India Com. Cir. 55(1083): 85. Apr. 4, 1940. (Published at 40 Norfolk St., London, W. C. 2, England) 8 W524
Tables showing estimated acreage and production 1939-40, production, 1938-39, and exports, 1939, are given.
2089. White, Cecil F. Say San Joaquin valley needs no odds from Delta. Superior breaking strength reported; California is ready to raise more. Cotton Trade Jour. 20(24): 3. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"California produces the longest average staple and the highest average grade of cotton of any state in the United States."

See also Items nos. 1962, 1970, 2037, 2042, 2046, 2055, 2095, 2097, 2115, 2121, 2122, 2208, 2209, 2216, 2219, 2220, 2233.

Prices

2090. Caterson, Herbert. Cotton prices up \$1 a bale on talk of war boom here. Trade discusses possibility of 8,000,000-bale consumption in U. S. if more plants are destroyed abroad. Daily News Rec. no. 138, pp. 1, 20. June 12, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
2091. Cotton price control and loans taxing resources in Argentine. Crisis in Paraguay may be even more severe; both countries hard hit. Cotton Trade Jour. 20(26): 6. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
A discussion of the current cotton situation in Argentina and Paraguay.
2092. Gordon, J. B. Cotton at around 8c discounts most "bad news," is view. Daily News Rec. no. 126, p. 11. May 28, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Current cotton price situation is discussed.
2093. Inflation talk limits effects of battle news. Domestic factors, especially President's address and Congress loan plans, retard downward trend of market. Reopening of Liverpool market of little effect, trading being restricted to settling figure of May 16. Cotton Trade Jour. 20(22): 1, 5. June 1, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2094. Invasion threat to British isles troubling cotton. Stress dependence placed on Liverpool's role in price regulation. Cotton Trade Jour. 20(22): 7. June 1, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"For many generations the Liverpool cotton market has been the most important factor in determining the value of America's exportable surplus of cotton."
2095. Kartar Singh, S. Review on cotton trade for the year 1938-39. India. Punjab. Agr. Dept. Seasonal Notes 18a(2): 24-27. Oct. 1939. (Published by the Superintendent, Government Printing, Punjab, Lahore, India) 22 In272
Tables showing the average monthly prices per maund of kapas at Lyallpur during the season 1938-39 are included.
2096. Lütjohann, Carlos E. Ritmo de los precios del algodón en el Mercado de algodón de Buenos Aires. Gaceta Algodonera 17(195): 15, 17-19. Apr. 30, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
Rhythm of the prices of cotton in the Mercado de Algodón de Buenos Aires.
2097. [New York cotton exchange] Interest mounts in U. S. imports. Cotton Digest 12(35 i. e. 36): 4-5. June 8, 1940. (Published at

Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Some foreign cottons are selling at such prices relative to American that they could at this time be profitably imported into this country if there were not import quotas."

2098. Quedó concertado el acuerdo de que los industriales hilanderos de algodón pagarán 85 centavos por kilo de fibra tipo B. El Ministerio de agricultura contribuyó a resolver el problema de los bajos precios que había comenzado hacerse sentir en nuestra plaza. Gaceta Algodonera 17(195): 11-12. Apr. 30, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

Continued effort at agreement that the cotton spinning industry will pay 85 centavos per kilo for type B fiber. The Ministry of Agriculture is contributing to the solution of the problem of low prices that have begun to show decline in our market.

2099. Saraiya, R. G. Price control of raw cotton. Indian Textile Jour. 50(595): 197-198. Apr. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2

"Presidential address delivered...to the Cotton Association of the Sydenham College of Commerce, Bombay, on 25th February 1940."

"In a competitive world in the case of an international product like raw cotton, whose supply comes from the greater part of the civilized world and whose demand emanates from the whole world, it is impossible to lay down either a maximum price or a minimum price with any reasonable or remote prospect of success."

2100. Zelomek, A. W. Raw cotton cited as an example of Govt. price power. Rebound since low in last 10 days held significant--wool and other commodities also seen affected. Daily News Rec. no. 126, pp. 1, 4. May 28, 1940. (Published at 8 East 13th St., New York, N. Y.)

"The influence of existing legislation on prices" is discussed.

See also Items nos. 2069, 2082, 2103, 2108, 2111, 2233.

Marketing and Handling Methods and Practices

2101. Allred, Charles E., and Baskopf, Benj. D. Selling cotton in the seed in Tennessee. Tenn. Agr. Expt. Sta. Agr. Econ. and Rural Sociol. Dept. Rural Res. Ser. Monog. 106, 46pp., processed. Knoxville, 1940. 173.2 W89C6

Bibliography, pp. 41-42.

2102. La Estación experimental de Tucumán intensifica su acción de fomento para facilitar su comercialización del algodón cosechada. Gaceta Algodonera 17(195): 21, 23-24. Apr. 30, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The Estación Experimental de Tucumán has increased its efforts to facilitate the marketing of the cotton crop.

2103. Gordon, J. B. Cotton trade is alert for signs of July "squeeze." Daily News Rec. no. 138, p. 19. June 12, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
A discussion of factors affecting the July contract on the New York Cotton Exchange.
2104. [Jackson, Burris C.] Credit to allies urged by Jackson in talk at Waco. Head of State wide cotton committee of Texas would aid exports. Cotton Trade Jour. 20(26): 1. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts of address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.
2105. Jackson, Burris C. The United States cotton problem. Cotton Digest 12(35 i. e. 36): 9. June 8, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Extracts from an address before the Waco Rotary Club, May 27, 1940.
"The remedy for our cotton troubles can be found in the following: (1) A stimulation in our export trade; (2) A tremendous increase in the domestic cotton consumption; (3) Permit American cotton to flow freely into the channels of trade without piling up a huge surplus in loans; (4) improvement of the quality and package; (5) Lower costs of production."
2106. Kay, Sir Joseph. The Cotton buyers' association, Bombay. Sir Joseph Kay criticises "irresponsible speculation." Indian Textile Jour. 59(595): 203. Apr. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Address before the third Annual General Meeting, of the Cotton Buyers' Association, Bombay, February 27, 1940.
Options and call cotton were among the topics discussed in the address.
2107. The Liverpool cotton futures markets. Cotton [Manchester] 46(2211): 2. May 25, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826
"The Directors of the Liverpool Cotton Association under the provisions of Rule 35 of that Association decided that the market be closed on Monday, Tuesday and Wednesday of this week and at a meeting of the members of that association held on Wednesday it was agreed that it be left to the discretion of the Directors to reopen the markets when they deemed it advisable. Settlement day was fixed for yesterday (Friday) and the Striking Prices for such settlement to be the closing values of the respective Future Delivery Contracts on Thursday, 16th May. The settlement only to include contracts made up to the close of business that day." - Entire item.
2108. Liverpool cotton trading allowed. Fixed prices removed with 50-point American and 100 Egyptian range. Jour. Com. [N. Y.] 184(14256): 15. June 13, 1940. (Published at 63 Park Row, New York, N. Y.)

286.8 J82

Restrictions placed on trading by the directors of the Liverpool Cotton Association are given.

2109. Roggenbrod, Roland. A solution of Texas cotton exporters problems. Cotton Digest 12(38): 3, 10-11. June 29, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.

Development of trade in the Western Hemisphere is suggested.

2110. Trading in Bombay cotton suspended. Cancellations of exports large-- U. S. markets are sole hedge media. Jour. Com. [N. Y.] 184(14246): 1, 9. June 1, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

Trading in cotton futures was suspended in Bombay, May 31, 1940.

2111. Trading resumed at Bombay. Cotton Digest 12(35 i. e. 36): 8. June 8, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

An editorial in which results of government price fixing in Egypt are also noted.

See also Items nos. 2200, 2231.

Marketing Services and Facilities

2112. Argentine government to grant loans on 1939-40 cotton crop. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(26): 848-850. July 29, 1940. (Published in Washington, D. C.) 1.9 St2F

"Up to 500 pesos per metric ton (6.75 cents per pound at the official rate of exchange) may be borrowed on cotton stored in warehouses or sheds that insure adequate protection."

2113. Cooley, Harold D. Storing of cotton. Cong. Rec. 86(108): 11150-11154. May 31, 1940. (Published by U. S. Congress, Washington, D. C.) 148.2 R24

Reconcentration of cotton pledged to or owned by the Commodity Credit Corporation is discussed.

2114. El empleo de la luz artificial para la clasificación del algodón. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual, no. 59, pp. 103-104. Mar. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3

The use of artificial light for the classification of cotton.

2115. [Garrard, W. M.] Sharp decline in cotton exports, 10-cent loan seen. Daily News Rec. no. 138, p. 4. June 12, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

Extracts from a statement to the board of directors of the Staple Cotton Cooperative Association.

2116. Government loan for 1940 discussed by trade. Cotton Digest 12(38): 8. June 29, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial.
2117. Han comenzado a regir los "standards" de fibra de algodón que ha preparado el Ministerio de Agricultura. Gaceta Algodonera 17(195): 5 Apr. 30, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
The cotton standards prepared by the Ministry of Agriculture have begun to be in force. The standards are compared to the Universal Cotton Standards.
2118. N. O. public cotton warehouse favors to ACCA are hit. Operation of facility in cooperation with private interests urged. Cotton Trade Jour. 20(26): 3. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The text of a report on the affairs of the New Orleans Public Cotton Warehouse is given.
2119. Port of Dairen, Manchuria. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 22, pp. 497, 498. June 1, 1940. (Published in Washington, D. C.) 157 C76D
Imports include raw cotton and cotton piece goods.
2120. The port of Karachi, India. U. S. Bur. Foreign and Dom. Com., Com. Rpts. No. 21, p. 490. May 25, 1940. (Published in Washington, D. C.) 157 C76D
Exports include raw cotton.
2121. The port of Santos, Brazil. U. S. Dept. Com. Bur. Foreign and Dom. Com. Com. Rpts. no. 23, p. 519. June 8, 1940. (Published in Washington, D. C.) 157 C76D
"Exports of raw cotton through the port in 1939 amounted to more than 564,000,000 pounds, while shipments of cottonseed cake totaled 424,000,000 pounds, and there were substantial exports of cottonseed oil, cottonseed bran, cotton textiles and cotton thread."
Extracts in Cotton Trade Jour. 20(24): 8. June 15, 1940.
2122. [U. S. Dept. of agriculture. Commodity credit corporation] Cotton swapping totals announced in report of CCC. Cotton Trade Jour. 20(25): 3. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"Under the program terminated at noon, May 15, 1940, it accepted proposals from 23 cotton firms to exchange 227,800 bales of high grade cotton for 246,000 bales of lower-grade government owned cotton."
Also noted in Cotton Digest 12(37): 6. June 22, 1940.
- See also Items nos. 2066, 2087, 2091, 2198.

Marketing Costs

2123. Arkansas cotton rates reduced. Cotton Digest 12(36): 3. June 15, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

The new rates will go into effect on June 20, and will apply to cotton shipped from Arkansas "to certain group points in the Carolinas and Southeast."

2124. Claim rail rate cuts unwarranted by truck tariff. Cotton Trade Jour. 20(24): 8. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

A protest filed with the Interstate Commerce Commission by the New Orleans Joint Traffic Bureau regarding revised rail rates on cotton from Texas and New Mexico, is commented upon.

2125. New cotton rates June 20. Farm and Ranch 59(6): 50. June 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31

"New cotton rates will go into effect in the Southwest on June 20. The rate reduction amounts to 13 cents per 100 pounds to Southeastern ports, and from 1 cent to 13 cents to Gulf ports, it depending upon the distance shipped. These reductions are calculated to save southwestern cotton growers a million dollars on normal shipments." - Entire item.

Also noted in Cotton Digest 12(35 i. e. 36): 3. June 3, 1940.

Cooperation in Marketing

2126. Burgess, John S., jr. Marketing one-variety cotton cooperatively. News for Farmer Coop. 7(3): 16, 26-27. June 1940. (Published by U. S. Dept. of Agriculture, Farm Credit Administration, Washington, D. C.)

2127. Smith, Ellison D. American cotton cooperative association. Cong. Rec. 86(125): 13631-13633. June 22, 1940. (Published by U. S. Congress, Washington, D. C.) 148.2 R24

Reply to statements made by Senator McKellar before the United States Senate.

UTILIZATIONFiber, Yarn and Fabric Quality

2128. Clegg, Gladys G. The examination of damaged cotton by the congo red test: further developments and applications. Textile Inst. Jour. 31(5): T49-T68. May 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

References p. T68.

Illustrated with photographs showing cotton fibers after staining with congo red.

2129. Cotton spinning values. Cotton Digest 12(37): 8. June 22, 1940.
(Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The interest of the National Cotton Council in cotton fiber studies is commented upon in this editorial.

2130. Delmhorst moisture detector. Rayon Textile Monthly 21(6): 380.
June 1940. (Published at 303 Fifth Ave., New York, N. Y.)
304.8 R21

The instrument is manufactured by the Colloid Equipment Company, Inc., of New York, and "can be used on loose fibrous material, yarn skeins, cones and spools as well as baled grey goods."

2131. Dillmann, Fritz. Praktische textilmikroskopie. Kunstseide und Zellwolle 22(3): 60-64. Mar. 1940. (Published by H. Jentgen-Verlag, Drakestr. 45, Berlin-Lichterfelde-West, Germany) Bur. Stand. References, p. 64.

Practical textile microscopy.

"The apparatus required for the microscopic study of textile materials is discussed, and the preparation of fibre, yarn and fabric samples, the investigation of surfaces, cross-sections and chemical reactions, and photo-micrographic methods are described. Typical photo-micrographs of cotton, casein and wool fibres and of fabric structures are given. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(9): 220. May 15, 1940.

2132. Hayford, W. H., jr. The structure of cellulose. Rayon Textile Monthly 21(6): 355-356. June 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21

References, p. 356.

To be continued.

"Anhydroglucose units, linked together as in cellobiose, are connected into long chain molecules. The principal features of the cellulose chain molecule are tautomeric end molecules and the presence of the majority of the anhydroglucose units with three hydroxyl groups. The cellulose chains are united into bundles. The bundles combine to form fibers. In the fiber there is a regular recurrence of the atoms which give cellulose a crystalline nature."

2133. Hess, K. Die endgruppenbestimmung bei cellulose und staerke. Congresso Internazionale di Chimica. Atti (1938) 10(2): 269-276.
388 C76C 10th v. 2

End group determination in cellulose and starch.

2134. Hock, Charles T., and Harris, Milton. Microscopic examination of cotton fibres in cuprammonium hydroxide solutions. Textile Res. 10(8): 323-333. June 1940. (Published by United States Institute for Textile Research, Inc., 65 Franklin St., Boston, Mass.)
304.8 T293

References, p. 333.

"There are two different points of view concerning the behavior of the cellulose fibres when treated with cuprammonium hydroxide

solutions. According to one group of investigators the cellulose of the cotton fibres does not dissolve in the reagent but maintains a visible state of aggregation in the form of diminutive particles, each of which is surrounded by cementing material which swells in cuprammonium solutions, thereby giving rise to a gel-like structure upon which many of the characteristic properties of the dispersion depend. The other group of investigators has supported the view that cellulose is dissolved in cuprammonium hydroxide, and that properties of the solutions, such as viscosity, are functions of the chain-length of the cellulose molecule. Since the above viewpoints lead to widely different interpretations of the behavior of cotton in this solution, it appeared advisable to undertake a new investigation of the microscopically observable changes which cotton fibres undergo in this reagent. It was found that during the treatment of cotton with cuprammonium hydroxide solutions, the cellulose dissolves, leaving residues which vary in amount and in structure depending upon the degree of purification of the fibres. The undissolved residue from raw and from dewaxed fibres consists principally of fragmented shells which formed the outer surface of the fibres, and to a lesser extent of material from the lumen. Both of these residues are isotropic and stain deeply with ruthenium red. Fibres from which both wax and pectic substance have been removed dissolve in cuprammonium reagent, leaving only a very small amount of isotropic residue which exhibits no definite cytological structure."

2135. [Hynds, W. M.] Spinning quality improvement sought. Cotton Digest 12(37): 4. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Enlargement of the Department of Agriculture's facilities for testing cotton fiber and spinning qualities" is being sought by the National Cotton Council.

2136. Johns, Warren A. A twist test on cable yarn. Determining amount of twist and contraction in length. Textile Weekly 25(636): 556, 558. May 10, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

2137. Kühnel, Ernst. Versuche zur sichtbarmachung der inneren struktur von zellulosefasern durch einlagerung von fremdstoffen. Kunstseide und Zellwolle 22(1-2): 3-7, 35-38. Jan.-Feb. 1940. (Published by H. Jentgen-Verlag, Drakestr. 45, Berlin-Lichterfelde-West, Germany) Bur. Stand.

Attempt to make visible the internal structure of cellulose fibers through impregnation with other materials.

"The work of Schramek on the examination of the interior structure of cellulose fibres by impregnation methods is reviewed and experiments are described in which barium sulphate, colloidal gold, silver and sulphur solutions were used. Photographs in longitudinal sections of swollen and unswollen fibres are reproduced and used to illustrate different types and degrees of impregnation. It is suggested that such microscope and photomicrographic methods

can give valuable information regarding the orientation of the molecules of cellulose fibres of different degree of polymerisation and also of stretch-spun yarns." - Brit. Cotton Res. Assoc. Sum. Cur. Lit. 20(8): 190. Apr. 30, 1940.

2138. Meyer, K. H. Die verschiedenen kristallformen der cellulose. Congresso Internazionale di Chimica, Atti (1938)10(2): 339-345.
388 C76C 10th v. 2

The various crystal forms of cellulose.

"The glucose rings of a chain form diagonal bands in parallel planes. Regenerated cellulose generally forms the same lattice as hydrate cellulose falling partly outside the planes referred to. Also irregular forms occur. The mode of decompn., whether abrupt or gradual, is a decisive factor. - A. H. Krappe." - Chem. Abs. 33(20): 8399. Oct. 20, 1939.

2139. Morozov, A. A. Investigation of viscosity of products of fraktionation of cotton cellulose. Colloid Jour. 5(8): 691-706. 1939. (Published by Pochtovoje Otdelenie SHI. Gos. Nauchnoissledovat. Institut Colloidnoi Chimii, Voronezh, U. S. S. R.) 385 K83

References, p. 706.

In Russian.

"Cotton (10g.) was warmed with 1% NaOH and then kept for 20 hrs. in 1 l. of a soln. (I) contg. 1.35% of Cu, 15.5% of NH_3 , and 0.2% of sucrose, or 1 l. of this soln. dild. with 2/3, 1, 1 1/2, or 2 vols. of H_2O . The resulting mixts. were injected into dil. AcOH^2 soln. through a Cu gauze; the part remaining on the gauze was termed 'insol. fraction' and that pptd. outside the gauze, 'sol. fraction.' Solns. of 'sol. fractions' in I had higher viscosities than those of 'insol. fractions' but the difference (and the values of both viscosities) decreased with the vol. of H_2O added to I. The structural part and the temp. coeff. of η also increased with dilyn. of the initial Cu NH_4 soln., while the I no. of 'insol. fractions' decreased. - J. J. Bikerman." - Chem. Abs. 34(4): 1180. Feb. 20, 1940.

2140. Morozov, A. A. Theory of viscosimetrical method of determination of the firmness of cellulose materials. Colloid Jour. 5(6): 525-540. 1939. (Published by Pochtovoje Otdelenie SHI. Gos. Nauchnoissledovat. Institut Colloidnoi Chimii, Voronezh, U. S. S. R.) 385 K83

References, pp. 539-540.

In Russian.

"A cotton fabric was repeatedly washed with a boiling soln. of 1% Na_2CO_3 and 1.5% soap, washed samples were dissolved in Cu NH_4 sulfate and the viscosity of the solns. was measured; η decreased almost linearly with the no. of washings. Detn. of η in a capillary viscometer at various pressures in a H_2 atm. showed that it was abnormal in 0.5 and 1% solns. Washings of the cotton fabric lowered the abnormal viscosity of its solns. to the same extent as the total viscosity, e. g., by 70% after 20 washings. A temp. increase from 20° to 30° lowered the η when its abnormal part was large; otherwise there was only a small change. - J. J. B." - Chem. Abs. 34(4): 1180. Feb. 20, 1940.

2141. Native and regenerated cellulose. Part II. Silk Jour. and Rayon World 16(191): 29-30. Apr. 1940. (Published at Old Colony House, South King St., Manchester, 2, England) 304.8 S13
 "Discusses the length of the molecular chain in native and artificial fibres, its effect on physical properties and its bearing on a number of well-recognised tests for chemical damage."
2142. Rajaraman, S. Studies in Punjab American 289F/43,--effect of stage of propagation on quality of lint. India. Punjab Agr. Dept. Seasonal Notes 18a(2): 55-57. Oct. 1939. (Published in Lahore, Punjab, India) 22 In272
2143. Reehling, H. A. Yarn-levelness test. Silho-graph reveals imperfections and gives permanent, visual quality record. Textile World 90(6): 69. June 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
 The method was developed by the Revonah Spinning Mills, Hanover, Pa.
2144. Rehmann, H. Hydrophile baumwollen, verband-, lazarett- und sanitätswatten und ihre praktische herstellung auf einfachstem wege. Monatschrift für Textil-Industrie 55(3): 67-69. Mar. 1940. (Published by Theodor Martins Textilverlag, Dörrienstrasse 9, Leipzig C 1, Germany) 304.8 L53
 Hydrophilic cotton, dressings, hospital and sanitary wadding, and their practical manufacture in a simple way.
 "The purification of raw cotton, linters and various types of cotton waste for the production of hydrophilic cotton or wadding for bandages and similar purposes involves boiling, bleaching, scouring, soaping, washing and rinsing treatments. Details of these treatments are given and a convenient form of apparatus is shown. After the chemical purification the cotton is fed to scutchers or cards, according to the quality of the material. The carded material is made up into small packets or pressed into bales. - C" - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(9): 211. May 15, 1940.
 English summary also in Textile Weekly 25(637): 597. May 17, 1940.
2145. Roux, Eugène. Le blanchiment des déchets de coton. Tiba 17(10): 573, 575, 577. Oct. 1939. (Published at 61, Avenue Jean-Jaurès, Paris (19^e), France) 306.8 T43
 The bleaching of cotton waste (and linters).
 "A brief outline of the methods used commercially. - A. Papineau-Couture." - Chem. Abs. 34(6): 1855. Mar. 20, 1940.
2146. Sisson, Wayne A. X-ray studies regarding the structure and behavior of native cellulose membranes. Chem. Rev. 26(2): 187-201. Apr. 1940. (Published by Williams & Wilkins Co., Baltimore, Md.) 381 C425
 "Certain published x-ray data on native cellulose membranes are reviewed and new experimental results presented and correlated

with physical, chemical, and optical properties. The material is divided into three parts: (a) the nature of the cellulose crystallite, its association with noncellulosic constituents, and its relationship to microscopic membrane building units such as the cellulose particle; (b) orientation of cellulose in the cell wall of various membranes and its relationship to fiber growth, physical behavior, and microscopic structure; (c) mechanism of fiber swelling with various reagents reacting under different conditions and its effect on the structure of cellulose in the swollen condition and after removal of the swelling agent. In discussing the above topics, an attempt is made to illustrate how x-ray diffraction analysis has contributed to a better understanding of the structure and behavior of cellulose membranes. Fifty-seven literature references are included. - E. S." - Lawrence Col. Inst. Paper Chem. Bul. 10(9): 364-365. May 1940.

2147. Staudinger, H., and Reinecke, F. Macromolecular compounds. No. 221. The degree of polymerization of various types of cellulose. Chem. Abs. 34(4): 1171-1172. Feb. 20, 1940. (Published by American Chemical Society, Mills Bldg., Washington, D. C.) 381 Am33C
From Holz Roh u. Werkstoff 2: 321-323. 1939.

"The tearing and bursting strength increase with degree of polymerization, becoming nearly const. at about 1000. The viscosity of a 1% soln. in Schweitzer's reagent continues to increase beyond 1700. Data are given on the degree of polymerization and viscosity of pulps from different sources and by different processes, as well as of different artificial fibers. Cellulose is the one important constituent of wood to be converted to textiles, as other constituents tend to dissolve in the alk. treatment. - R. H. Baechler." - Entire item.

2148. Thiemann, Ernst. Vergleichende untersuchung über den einfluss der luftfeuchtigkeit auf die reissfestigkeit und dehnung der gespinnte. Melliand Textilberichte 21(2): 61-64. Feb. 1940. (Published in Heidelberg, Germany) 304.8 T312

Results of investigations on the influence of humidity on the strength and extensibility of yarns.

"The results of investigations on the influence of atmospheric humidity on the strengths and extensibilities of wool, silk, hair, cotton, flax, hemp, jute, ramie, kapok, paper, staple fibre and cuprammonium, viscose and acetate rayon yarns are discussed... The strength of the cotton yarn increased slowly at first up to 4 or 5 per cent. at 50 per cent. R. H. and then more quickly up to 25 per cent. at 100 per cent. R. H. The greatest increase was observed between 50 and 80 per cent. R. H. The extensibility showed an increase of 15 per cent. at 75 per cent. R. H. and 40 per cent. at 100 per cent R. H... C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(7): 162-163. Apr. 15, 1940.

2149. Walker, A. C. Electrical conductance measurements of water extracts of textiles. Amer. Soc. Testing Mater. Proc. (1939)42: 1233-1241.

290.9 Am34 v. 39, 1939.

"Previous work on the influence of electrolyte and moisture content on the electrical insulating power of cotton is recalled and the benefit of washing and oven-drying is emphasised. A test is reported in which washed, red-dyed cotton was dried in the air or the oven, wound on paper tubes, exposed to sunlight and air (but protected from dirt) for 6 months and then stored in the dark for 5 years, and tested for insulation resistance. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(9): 220. May 15, 1940.

2150. Wall, C. L. Association between fibres and dispersed particles. Energy relationships between fibre aggregates and detergents or dyes, or between dye particles, offer an explanation of a number of known actions in dyeing and treatment of fibrous materials. Textile Mfr. 66(785): 202-203, 208. May 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126

2151. Webb, Robert W. The significance of cotton fiber properties with respect to utilization. 23pp., processed. Washington, U. S. Dept. of agriculture, Agricultural marketing service, 1940.

Selected publications, pp. 19-22.

"Address, International Cotton Congress, sponsored by the State-Wide Cotton Committee of Texas, Waco, Texas, June 29, 1940."

2152. Wiegerink, James G. Equipment for conditioning materials at constant humidities and elevated temperatures. Textile Res. 10(8): 334-340. June 1940. (Published by United States Institute for Textile Research, Inc., 65 Franklin St., Boston, Mass.) 304.8 T293

"Equipment is described for the study of the moisture relations of materials in air of controlled relative humidities at elevated temperatures. The air is brought to the desired relative humidity and temperature by an arrangement including a saturator and automatically controlled heaters and then passed through a working chamber in which the materials to be studied can be weighed rapidly and accurately. Provision is made for measuring the rate of flow of air and for accurately determining the relative humidity in the working chamber."

See also Items nos. 1953, 1967, 2041, 2089, 2217.

Technology of Manufacture

2153. D., A. Economies in mule spinning. Some items of possible economy in bands, rollers, and savings in waste and production. Textile Mfr. 66(785): 189, 187. May 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126

2154. Egee, W. Warren. Spindle vibrometer measures relative vibration of spindles; has many applications in textile mills. Textile World 90(6): 67-68. June 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

The instrument is described.

2155. Farley, W. F. Cotton mill fires. Such fires on increase; where and why they occur; suggestions on prevention. Textile World 90(6): 64-65. June 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
Table giving an analysis of 2560 fires in cotton mills, 1935-1939, is included.
2156. Fonville, John C. SC carders and spinners meet at Parker high school. Cotton [Atlanta] 104(6): 82-84. June 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
Report of meeting of the Carders and Spinners Section of the South Carolina Division of the Southern Textile Association, held at Greenville, S. C., May 25, 1940.
2157. High speed warping in practice. Details of speeds, size of supply bobbins and some novel methods in a new high-speed winding and warping installation. Textile Mfr. 66(785): 197, 208. May 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
2158. [Livsey & Crowther Ltd.] The Schweiter "MS" fully automatic single spindle pirn winder. Indian Textile Jour. 50(595): 210-211. Apr. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
The machine is described.
2159. M., W. Creels and creeling. The importance of skillful and systematic operation. Textile Rec. 57(686): 15, 17. May 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
To be continued.
"Creeling is a general term and refers to the replenishment of the feed supply to a machine or machine unit, and the way this operation is carried out will influence either the regularity of the material, the output, or the amount of waste produced at each process."
2160. Philip, Robert W. A survey of long-draft and tape-drive spinning. Cotton [Atlanta] 104(6): 60-62. June 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
"The first authentic, comprehensive analysis revealing the extent to which the mills have adopted long draft and tape drive on spinning."
2161. Pneumatic roving end trapping device. Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(9): 205. May 15, 1940. (Published at Didsbury, Manchester, England)
From Revue Textile 38: 66-67. 1940.
"A pneumatic device for catching the end of roving when a thread breaks on a spinning machine consists essentially of a suction tube extending across the width of the machine under the front drawing rollers and provided at intervals with conical nozzles, one for

each thread, arranged close to their respective threads with their wider ends uppermost. The nozzles vary in size according to their distance from the end of the tube at which the fan is situated, those farthest away from the fan having the largest diameters. - C." - Entire item.

2162. Roger, B. Ring yarn: spinning. Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(9): 206. May 15, 1940. (Published at Didsbury, Manchester, England)

From Revue Textile 38: 3-13, 57-62. 1940.

"A discussion of practical aspects of ring spinning, such as roller settings, the inspection and care of roller systems, leather, cork, and synthetic rubber roller coverings, drafts and high draft systems, spindles and spindle drives, twists, travellers and balloons, the formation of the bobbin, the control of breaks, various faults, the cleaning and lubrication of machines, the organisation of work in a ring spinning mill. - C." - Entire item.

2163. [Southern textile association. Eastern Carolina division] Using oil spray on cotton. S. T. A. group discusses advantages, methods and place of application, effect on top rolls in carding and spinning, percentage of oil to be used. Amer. Wool and Cotton Rptr. 54(21): 13-14, 25-27. May 23, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

Also reported in Textile Bul. 58(7): 6-8, 41-47, 50. June 1, 1940.

2164. [Southern textile association] Highlights of S. T. A. meetings. Spinning, weaving and finishing problems discussed at technical sessions. Textile World 90(6): 93-95. June 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

A resumé of discussions at meetings of the Eastern Carolina, Piedmont and South Carolina Divisions is given.

2165. The spinning mule governor motion. Textile Weekly 25(637): 584, 586. May 17, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

Technology of Consumption

2166. [Anderson, W. D.] Improved rubber needed to match cotton tire cord. New heat resistant fiber said to outwear rubber walls and tread. Cotton Trade Jour. 20(23): 7. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2167. Arend, A. G. Cloth for buffing wheels. Textile Rec. 57(685): 18-19. Apr. 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

"Cotton sheeting is most widely used for buffs, and the number of threads per inch exerts a considerable influence on its suitability."

2168. Bagging. One million bale coverings of cotton available. Amer. Cotton Grower 6(1): 7. June 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

The program of the U. S. Department of Agriculture for a subsidy on cotton bagging for cotton bales is commented upon.

2169. Cotton in the news. Amer. Cotton Grower 6(1): 6-7. June 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

The items relate to the cotton dress of Wallace plaid made by the U. S. Bureau of Home Economics and modeled by Jean Wallace, daughter of the Secretary of Agriculture; cotton ice cream, invented by Prosper Ingels of Dallas, Tex.; and the cotton stockings designed by the U. S. Bureau of Home Economics.

2170. Cotton insulation. Cotton Trade Jour. 20(24): 2. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

An editorial which says in part: "Cotton insulation now being turned out, however, is impregnated with fire-resisting chemicals and, so far as can be seen at the present time, is far superior to some of the mineral insulators which are on the market."

2171. Cotton scores in dress fabric war. Promotion drive in fashion field elevates the South's big crop into something for \$200 evening gowns, and brings new worries to the rayon and silk people. Business Week, no. 561, pp. 27-28. June 1, 1940. (Published by McGraw-Hill Publishing Company, Inc., 330 W. 42nd St., New York, N. Y.) 280.8 Sy8

2172. The cotton stamp plan--type of mattresses eligible. Bedding Mfr. 38(5): 34, 36. June 1940. (Published by the Better Bedding Alliance of America, 608 South Dearborn St., Chicago, Ill.) 309.8 B39

"Mattresses made of cotton waste are included if the waste is of the type commonly known as spinnable, i. e., card strips and comber waste."

2173. Furry, M. S. and Weidenhammer, L. E. Water repellency of cotton hose. Rayon Textile Monthly 21(6): 370-371. June 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21

To be continued.

"The work reported here is part of a study on cotton hose now being conducted by the Bureau of Home Economics in connection with the cotton utilization program of the U. S. Department of Agriculture."

2174. More interest shown in women's cotton hose. Cotton [Atlanta] 104(6): 146. June 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

2175. New golf umbrella made of sea island cotton. Daily News Rec. no. 134, p. 5. June 7, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

2176. Parachute cloth from sea island cotton is urged. Floridian urges government acquire whole of season's crop at once. Cotton Trade Jour. 20(24): 1. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The text of a telegram from Jack C. Fayssoux to Senator Charles O. Andrews of Florida, is given.
2177. Propose cotton bags for raw sugar. Textile World 90(6): 49. June 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
"Successful demonstration of the practical use under commercial conditions of a bag for raw sugar shipment made from cotton instead of customary jute has been effected under the sponsorship of the American Sugar Cane League, an organization of domestic sugar growers and processors."
2178. Red Cross sends surgical gauze to battle areas. Purchases include 4,800,000 yards of gauze, 165,000 pounds wool yarn. Cotton Trade Jour. 20(24): 3. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2179. Thomas, I., and Throssell, G. L. Sheep rugging experiment. Western Australia. Dept. Agr. Jour. 16(2): 148-151. June, 1939. 23 W52J
"Experiments are described on the rugging of flock sheep from 1936 to 1938 at three research stations in Western Australia. It is concluded that the rugging will not increase the value of the wool clip and is therefore not warranted. - C." - Textile Inst. Jour. 31(3): A121. Mar. 1940.
2180. [U. S. Dept. of agriculture. Division of marketing and marketing agreements] Cotton insulation contracts total 3 million pounds. Two firms get first of 6,700,000 quota, on new cotton product. Cotton Trade Jour. 20(23): 1, 8. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(36): 11. June 15, 1940.
2181. [U. S. Dept. of agriculture. Division of marketing and marketing agreements] Four mills split last of 145,000 baling contracts. Authorizations bring number of patterns arranged for up to million. Cotton Trade Jour. 20(23): 5. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also noted in Cotton Digest 12(36): 3. June 15, 1940.
2182. U. S. Dept. of agriculture. Farm security administration. Cotton used in construction of houses. 2pp., processed. Washington, D. C., 1939. 1.95 C82
Experimental houses constructed in Coffee County, Alabama, are briefly described.

See also Items nos. 2038, 2230.

COTTONSEED AND COTTONSEED PRODUCTS

2183. Allies to build powder plant in Memphis region. Nitro-cellulose production to use quantities of linters, or even lint. Cotton Trade Jour. 20(23): 1. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The present supply of linters is also discussed.
2184. Bran beats cottonseed meal in cattle protein tests at Hays. Kans. Farmer 77(10): 11. May 18, 1940. (Published at Eighth and Jackson Streets, Topeka, Kans.) 6 K13
C. W. McCampbell reporting on the results of a cattle feeding test at the Hays Experiment Station states that "\$22 worth of wheat bran made as many pounds of beef as \$37.50 worth of cottonseed meal."
2185. Campaign is started in Tenn., Okla. Cotton council launches vigorous attack in cotton states. Okla. Cotton Grower 20(2): 3. May 15, 1940. (Published at 12 West Sixth St., Oklahoma City, Okla.) 72.8 Ok4
"National Cotton Council's trade barriers and penalties section recently announced the launching of a vigorous campaign to do away with discriminatory margarine taxes and license fees in Tennessee and Oklahoma."
2186. Gastrock, Edward A., and Markley, Klare S. The cottonseed industry and the Southern regional laboratory. Oil Mill Gazetteer 44(11 i. e. 12): 29-31. June 1940. (Published in Wharton, Tex.) 307.8 Oi53
Address delivered before the National Oil Mill Superintendents Association, San Antonio, Texas, May 29-31, 1940.
"Bureau of Agricultural Chemistry and Engineering O. P. no. 3140."
"A discussion of some portions of the research program of the Southern regional laboratory pertaining to cottonseed and peanuts."
2187. Goldovskii, A. [The causes of the specific behavior of seeds of different cultivation in the production of plant oils.] Masloboino Zhirovye Delo 13(4): 8-11. July-Aug. 1937. (Published in Moskva, U. S. S. R.) Libr. Cong.
In Russian.
"The oil seeds of different plants show sp. behavior in the process of oil recovery. Different characteristics are to be observed which depend upon the chem. compn. of the seed kernel, the ratio of the oil to the gel phase, or the oil content of the seed. Further differences arise from the phys. and chem. properties of the 2 phases, the chem. compn. of the seed's husk or pod, or the anatomical structure of the nucleus or husk. The most important factor is the oil content. When the oil content is the same, the structure of the seed meal is very similar; this is true, e. g., for sunflower seed and peanuts. In expressing the oil the quality of the seed meal can be judged from the pressure at which

the first oil drops appear in a lab. filter press... For cottonseed meal contg. 39.78% oil it is 69... The behavior of the various seeds during recovery of the oil by the 'kneading of the dough' method using the moist meal was also investigated. Differences were also encountered here. Sunflower-seed meal (contg. 51-2% oil and 4-5% moisture) showed a sepn. of oil at a water content of 17-22%; at a water content of 24-30% no oil appeared and the mass became pasty... Cottonseed showed a lower limit of 20%, optimum of 22% and overwetting at 28%. However, long kneading is necessary to express the oil... M. G. Moore." - Chem. Abs. 33(22): 9692. Nov. 20, 1939.

2188. Gregory, T. H. Cottonseed goes to market. Cotton and Cotton Oil Press 41(13): 5-6. June 22, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"Address before the Arkansas-Missouri Ginners' Association, Hot Springs, Ark., May 20, 1940."

The factors which determine the value of cottonseed are discussed.

2189. Morozov, I. [Forepressing of cottonseed.] Masloboino Zhirovoe Delo 15(5): 7-11. Sept.-Oct. 1939. (Published at Kirovskaya, 47, Moskva, U. S. S. R.) Libr. Cong.

In Russian.

"A method of expelling oil from whole and crushed cottonseed with subsequent extn. of the press cake is discussed chiefly in the light of American practice. The procedure is described in detail and diagrams are given. - Chas Blanc." - Chem. Abs. 34(7): 2196. Apr. 10, 1940.

2190. Pilette, M. Les sous-produits du coton. Comité Cotonnier Congolais. Bulletin Trimestriel 5(16): 14-25. Apr. 1940. (Published at 27, Rue du Trône, Bruxelles, Belgium)

The by-products of cotton.

Extracts from a study on the extraction of oil from cottonseed, dealing with delinting cottonseed in oil mills.

2191. Polk, H. D. Cottonseed meal and shrimp meal used to advantage as protein sources in balanced feed for broiler production. Miss. Farm Res. 3(6): 8. June 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)

2192. Record breaking consumption of linters reported. Early figures indicate rate is highest since 1918-19 period. Cotton Trade Jour. 20(25): 1. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2193. [Tri-states cottonseed oil mill superintendents association] Cottonseed oil superintendents meet. Cotton Digest 12(36): 12. June 15, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Brief report of meeting held in Memphis, Tenn.

2194. [Tri-states cottonseed oil mill superintendents association] Tri-states association concludes successful convention--machinery show of fine quality. Oil Mill Gazetteer 44(11 i. e. 12): 18-19. June 1940. (Published in Wharton, Tex.) 307.8 O153
Report of meeting held in Memphis, June 6-8, 1940.
2195. [U. S. Dept. of Agriculture. Agricultural marketing services] Linters demand outstrips rising production trend. Prospect is for carry-over materially below 1939 or 10-year average. Cotton Trade Jour. 20(24): 7. June 15, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2196. U. S. Dept. of agriculture. Farm credit administration. Cooperative possibilities in cottonseed oil mills. U. S. Dept. Agr. Farm Credit Admin. Leaflet L-4, 8pp. Washington, D. C., 1940.
2197. Whitehead, T. H. Margarine and Georgia. Ga. Univ. Inst. for the Study of Ga. Prob. Pam. 4, 42pp. Athens, 1940.
Bulletin of the University of Georgia, vol. 40, no. 4b, March 1940.
"The people of Georgia are eating in excess of 6,500,000 pounds of margarine annually and producing very little. It is imported into the state, though Georgia produces large quantities of cottonseed oil, one of the principal ingredients in margarine. The location of a margarine industry in Georgia involves many factors and it is the purpose of this paper to consider each factor impartially, citing facts and attempting to avoid opinions and propaganda whenever possible. It seems logical to consider the following phases of this problem: (a) The economics of the margarine industry, (b) The effect of margarine on the cotton industry, (c) The effect of margarine on the dairy industry, (d) The relation of margarine to public health, (e) The legal restrictions on the sale of margarine." Includes a short history of margarine.

See also Items nos. 2144, 2145, 2206, 2209, 2217, 2221, 2223.

LEGISLATION, REGULATION, AND ADJUDICATION

Legislation

2198. Ask warehousing more CCC cotton in textile area. North Carolina congressman introduces bill to compel corporation. Cotton Trade Jour. 20(23): 3. June 8, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"Efforts to compel the Commodity Credit Corporation to store a larger part of its reconcentrated cotton in textile area warehouses, especially in the North Carolina interior, were pressed this week by Representative Harold D. Cooley."
2199. Cox, A. B. Cotton situation. Tex. Business Rev. 14(4): 7-8. May 28, 1940. (Published by Bureau of Business Research, University

of Texas, Austin, Tex.) 280.8 T312

Items to be included in a cotton program for the United States are suggested.

Also in Cotton Digest 12(35 i. e. 36): 10. June 8, 1940: Cotton Trade Jour. 20(24): 3. June 15, 1940.

2200. Louisiana cotton futures tax levy repeal is sought. Bill is introduced in legislature following N. O. Cotton exchange meeting. Cotton Trade Jour. 20(22): 1, 8. June 1, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The tax was imposed in 1934 "and has, it is said, contributed to the shrinking of the New Orleans market as compared to that of the New York Cotton Exchange."

Also in Cotton Digest 12(35 i. e. 36): 11. June 8, 1940.

2201. [McDonald, J. E.] McDonald urges domestic allotment. Cotton Digest 12(35 i. e. 36): 5. June 8, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

2202. Marketing certificate plan for cotton and rayon. Rayon Organon 11(6): 72-74. May 1940. (Published by Textile Economics Bureau, Inc., 10 East 40th St., New York, N. Y.) 304.8 T3128

The bill introduced by Representative Fierce is explained and an illustration of the plan for 1940 is given.

2203. Net weight. Amer. Cotton Grower 6(1): 4. June 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

Editorial on the resolution of the American Cotton Shippers Association opposing the Fulmer net weight bill.

See also Item no. 2091.

Regulation

2204. Ashley, Sir Percy. Cotton control orders Nos. 5 and 6--statement by the controller. Cotton [Manchester] 46(2210): 2. May 11, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826

The orders are further explained.

2205. British cotton industry board. U. S. Dept. Labor. Bur. Labor Statis. Monthly Labor Rev. 50(5): 1127. May 1940. (Published in Washington, D. C.) 158.6 B87M

The establishment of the Cotton Board in Great Britain is noted.

2206. Control of cotton and yarn imports. New Board of trade order operates from May 30. Textile Weekly 25(639): 636. May 31, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

The order adds "raw cotton, cotton linters, and waste, yarns and thread, wholly or mainly of cotton, to the list of goods subject to import licensing."

2207. Cotton industry (no. 5) order. The position of yarn agents. Deputation to president of the Board of trade. Manchester Chamber of Com. Monthly Rec. 51(5): 155. May 31, 1940. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31
Effects of the order on yarn agents are discussed.
2208. Government aid to increase cotton production in Bulgaria. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(23): 745-746. June 8, 1940. (Published in Washington, D. C.) 1.9 St2F
"An increase of 25 percent in prices paid to Bulgarian cotton producers by the Grain Monopoly was authorized by the Bulgarian Council of Ministers on April 25, 1940 according to a report from American Vice Consul Walworth Barbour at Sofia. This measure was designed to encourage an increase of 50 percent in Bulgaria's domestic cotton production at a time when import supplies are difficult to obtain. Under normal condition, approximately 45,000 bales of raw cotton are imported annually, largely through German merchants. Bulgarian production has increased steadily from about 4,000 bales of 478 pounds in 1931-32 to 32,000 bales in 1938-39 and an estimated 74,000 in 1939-40." - Entire item.
2209. [Gt. Britain. Board of trade] British limit American imports. Cotton Digest 12(35): 5. June 1, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Imports of cotton and linters from the United States and other nonallied countries are prohibited, except under license, beginning May 30, 1940.
Also reported in Cotton Trade Jour. 20(22): 1, 7. June 1, 1940.
2210. National agreement in cotton-textile industry in Mexico, 1939. U. S. Dept. Labor. Bur. Labor Statis. Monthly Labor Rev. 50(5): 1140-1146. May 1940. (Published in Washington, D. C.) 158.6 B87M
The agreement, relating to wages, hours, etc., in the cotton-textile industry, became effective from April 27, 1939.
2211. The restriction of home trade in textiles. Some doubtful points made clear. Textile Weekly 25(640): 669. June 7, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
2212. Trade in cotton yarns. End of a restriction. Manchester Chamber of Com. Monthly Rec. 51(5): 132. May 31, 1940. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31
"The Cotton Controller, Sir Percy Ashley, issued a statement on the 16th May pointing out that the Cotton Industry (No. 6) Order, temporarily prohibiting new contracts for the sale of cotton yarn other than yarn required for Government or export orders, expired on the following day."

2213. U. S. Dept. of agriculture. Agricultural adjustment administration. 1940 special agricultural conservation program, Southern region bulletin 401. Supplement 1. Fed. Register 5(126): 2415. June 28, 1940. (Published by National Archives, Washington, D. C.) 169 F31
 SRB-401-Special counties, Texas, supp. 1.
 The supplement relates to "changes in leasing and cropping agreements, reduction in number of tenants, and other devices."
2214. U. S. Dept. of agriculture. Agricultural adjustment administration. Part 722--Regulations pertaining to cotton marketing quotas for the 1940-1941 marketing year. Supplement 2. Fed. Register 5(109): 2132. June 5, 1940. (Published by National Archives, Washington, D. C.) 169 F31
 Cotton 407.
2215. [U. S.] Department of agriculture takes hand in southwestern rate fight. Asks Interstate commerce commission to permit rail tariff reduction. Cotton Trade Jour. 20(25): 1, 3. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 The text of "a reply to petitions opposing reduction of rail and truck rates on cotton in the southwestern territory" is given.

Adjudication

2216. Cotton case is dismissed. Cotton Digest 12(37): 5. June 22, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 Report of a Dallas, Texas, court decision upholding the constitutionality of the cotton allotment act.

MISCELLANEOUS--GENERAL

2217. American chemical society. Abstracts of papers, 99th meeting, Cincinnati, Ohio, April 8-12, 1940. Various paging. [Washington, D. C., 1940:] 381 Am33P
 Partial contents: Role of the velocity gradient in the determination of the cuprammonium fluidity of cellulose, by Carl M. Conrad, Sec. C, p. 2; A partial separation of the constituents of cottonseed hulls by nonchemical methods, by Manning A. Smith and C. B. Purves, Sec. C, pp. 2-3; The thermophilic fermentation of cellulose, by F. E. Fontaine, W. H. Peterson, and Geo. J. Ritter, Sec. C, p. 3; Studies on the developing cotton fiber. III. The specific viscosity of cuprammonium hydroxide dispersions of developing cotton fibers and an estimation of the calcium pectate numbers, by Jack Compton, Sec. C, p. 7; Cation-exchange in cotton as related to the acidic properties of the fiber, by Arnold Sookne and Milton Harris, Sec. C, pp. 7-8; Microscopic examination of cotton fibers in cuprammonium hydroxide solutions by Charles Hock and Milton Harris, Sec. C, pp. 8-9; Pectic substance in cotton and its relation to the properties of the fiber, by Roy L. Thistler, A. R. Martin, and Milton Harris, Sec. C, pp. 9-10; The distribution of pectic acid in cotton fibers, by R. F. Nickerson and C. B. Leape, Sec. C, p. 10.

2218. American cotton mfrs. convention. Large attendance at White Sulphur Springs meeting--Fred W. Symmes elected president--constructive program for American business discussed. Amer. Wool and Cotton Rptr. 54(19): 9-10, 40-41. May 9, 1940. (Published by Frank P. Bennet & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
Report of annual convention of the American Cotton Manufacturers Association, held in White Sulphur Springs, W. Va., Apr. 26-27, 1940.
2219. British cotton growing association. Thirty-fifth annual report for the twelve months ending December 31st, 1939. Brit. Cotton Growing Assoc. [Pub.] 141, 40pp. Manchester, 1940. 72.9 B77P
2220. [Clayton, W. L.] World revolution on way, cotton a detail, is view. Leading cotton man weighs results of dictator or allied victory. Cotton Trade Jour. 20(26): 1, 5, 7. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Text of address, entitled, World Cotton Situation, delivered before the Cotton Research Congress, Waco, Texas, June 27-29, 1940, is given.
2221. Commodity research bureau, inc. Commodities in industry. The 1940 commodity year book. 708pp. New York [1940] 286.8 C7392
Cotton, (including losses from boll weevil) pp. 181-207; Cotton-seed oil, pp. 208-223.
2222. [Conner, A. B.] Cotton problem complex, simple cure idle hope. Keynoter of Cotton research congress indicates what research means. Cotton Trade Jour. 20(26): 1, 7. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.
2223. Cotton disease council. Proceedings of the fifth annual meeting... February 6 to 9, 1940, Birmingham, Alabama. 18pp., processed. [Birmingham, 1940]
"Held in conjunction with the annual meetings of the Association of Southern Agricultural Workers and the Southern Division of the American Phytopathological Society."
Abstracts of the following papers are included: Use of hormone treated cuttings and special type grafts in breeding cotton, by W. H. Jenkins, D. C. Harrell, R. S. Bailey and J. O. Ware, pp. 3-4; An occurrence on cotton of black root rot caused by Thielaviopsis basicola, by C. D. Sherbakoff, p. 4; Growth response of Phymatotrimum omivorum to certain inorganic nitrogens, by Lester M. Blank and Paul J. Talley, pp. 4-5; Greenhouse studies on infection of cotton seedlings, by Lester M. Blank, p. 5; The effectiveness of organic manures in controlling cotton root rot on various soil types, by C. J. King, pp. 5-6; Influence of deep tillage on cotton root-rot infection, by Dalton R. Hooton, p. 6; Number and viability of cotton root rot sclerotia from areas cropped continuously to susceptible and non-susceptible crops, by C. H. Rogers, p. 6;

Effect of girdling and topping of cotton plants on survival of Phymatotrichum omnivorum on the roots, by Walter N. Ezekiel, pp. 6-7; Relation of age of cotton plants to susceptibility to field inoculation with Phymatotrichum root rot, by Walter N. Ezekiel, p. 7; Quality of cotton seed from plants killed by cotton root rot at different dates during the growing season and as affected by varietal characteristics, by C. H. Rogers, p. 7; Notes on pathogenic action of Phymatotrichum omnivorum, by G. M. Watkins and M. O. Watkins, p. 7; A map history of some cotton root rot spots in Arizona, by R. B. Parker and C. J. King, p. 8; Distribution and condition of sclerotia of the phymatotrichum root rot fungus in manured and unmanured soils, by Orlan Parker and C. J. King, p. 8; Pathogenicity tests of different isolates of Fusarium vasinfectum during 1939-40, by C. D. Sherbakoff, p. 8; Fusarium wilt of cotton and tobacco apparently caused by the same organism, by G. M. Armstrong, p. 9; Fusarium wilt resistance of new strains and hybrid cottons in Louisiana in 1939, by D. C. Neal and H. B. Brown, p. 9; Preliminary inheritance study of fusarium wilt, by W. H. Jenkins, D. C. Harrell, and J. O. Ware, pp. 9-10; The development of wilt in a wilt-resistant and in a wilt-susceptible variety of cotton as affected by the N-P-K ratio in fertilizers, by H. B. Tisdale and J. B. Dick, p. 10; A regional study of the relationships of potash treatments to the development of cotton wilt under widely varying conditions of soil and environment. (Summary of the regional wilt-variety experiments), by A. L. Smith, pp. 10-11; Chemical and physical studies on soils from the regional wilt plots, by L. C. Olson, p. 11; Nematode population and species determination studies on soils from the regional cotton wilt plots, by A. L. Taylor and A. L. Smith, p. 11; The distribution and relation of the meadow nematode, Pratylenchus pratensis, to fusarium wilt of cotton in Georgia, by A. L. Smith, pp. 11-12; Some further studies on the nematode fusarium-wilt experiments at Lumberton, N. C., by A. L. Taylor, H. D. Barker and P. H. Kime, p. 12; Field results with gravity graded cotton seed, by K. Starr Chester, p. 12; Effect of certain methods of treating and planting cotton seed in south Louisiana, by H. B. Brown, p. 13; Storage tests with cotton seed, by D. N. Simpson, p. 14; The fungi isolated from the cotton plant with special reference to C. gossypii, by C. H. Arndt, p. 14; Micro-organisms associated with cotton boll rot in 1939, by Paul R. Miller, pp. 14-15; The infection of four lots of cotton by the anthracnose fungus as affected by temperature of germination, by C. H. Arndt, p. 15; A summary of the regional cotton seed treatment test A, by C. H. Arndt, pp. 15-17; A summary of the regional cotton seed treatment test B, by D. C. Neal, p. 17; A summary of the regional cotton seed treatment test C, by C. H. Arndt, pp. 17-18; Fungi found on diseased cotton seedlings from thirteen states surveyed in 1939 by R. Weindling, p. 18.

2224. Cotton research congress mobilizing practical knowledge and common sense for all-out attack on cotton problem. Waco meeting hears distinguished speakers, business leaders and men of science, as they

put heads together for common cause. Cotton Trade Jour. 20(26): 1. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Report of the Cotton Research Congress, held in Waco, Texas, June 27-29, 1940.

Also reported in Cotton Digest 12(38): 3. June 29, 1940.

2225. Deshpande, S. R. A note on cotton of which the famous Dacca muslins were made. Bombay Univ. Jour. 1(4): 401-402. Jan. 1933. (Published by Longmans, Green and Co., Ltd., 53 Nicol Road, Bombay, India) Libr. Cong.

"Documentary evidence regarding the famous Dacca cotton is mostly contained in the East India Company's papers. The finest Dacca cotton was grown in a small area of about 40 miles in length by less than 3 miles in breadth, along the banks of the Megna, about 20 miles from the sea. It was used mainly for the manufacture of the famous Dacca muslins, and was never exported. The cotton finally disappeared, mainly because of deterioration caused by bad handling, picking, and mixing." - Empire Cotton Growing Rev. 10(4): 302. Oct. 1933.

2226. Empire cotton growing corporation. A review of the work of the experiment stations, season 1938-39, by W. Nowell...with a note on the entomological work, by J. W. Munro. 18pp. [London] 1940.

72.9 G79Rse

The work of the experiment stations in Africa is summarized.

Extracts in Trop. Agr. [Trinidad] 17(6): 110-113. June 1940.

2227. Federal research group okehs plan in cotton battle. U. S. and state chiefs give new impetus to preparatory work. Cotton Trade Jour. 20(22): 7. June 1, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Brief report of meeting held in New Orleans, at which the research program of the Southern Regional Research Laboratory was approved.

2228. Herring, Harriet L. Selling mill houses to employees. Implications and problems arising from new trend, as noted by a researcher. Textile World 90(6): 54-55, 114-115. June 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

2229. Industrial textiles directory. 1940 ed. [82] pp. New York, Daily News Record [1940] 225 In26

2230. King Cotton - incognito? Wall St. Jour. 115(149): 6. June 27, 1940. (Published in New York, N. Y.)

Editorial calling attention to the three-day meeting in Waco, Texas of the Cotton Research Congress and that particular stress will be laid upon research for new uses of cotton at this conference. In conclusion the writer says: "The day may come when King Cotton

will once more head the South's industrial empire - incognito, perhaps, but again an undisputed ruler."

2231. [Kyle, E. J.] Asks U. S. dictate economic peace at close of war. Alternative to workable peace means return to dark ages, says Kyle. Cotton Trade Jour. 20(26): 8. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.
A conference to work out a definite plan for regaining foreign markets is suggested.
2232. Name Earl Stall textile expert on defense committee. Greenville man shares task with Charles A. Sweet of New York. Cotton Trade Jour. 20(25): 1, 8. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The men, appointed to the staff of the Textile Division of the National Defense Advisory Committee, "will be in charge of cotton textile manufacturing problems."
2233. Nigeria. Agricultural department. Annual report...for the year 1938. 46pp. Lagos, Government printer, 1940. 24 N563
Cotton, (production and prices) pp. 32-34.
2234. Research work in the textile industry. Amer. Wool and Cotton Rptr. 54(21): 36, 39. May 23, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
An editorial.
2235. [Rogers, John D.] Break with past, seek new means, is Rogers plea. Open-minded, scientific approach to cotton problem is demanded. Cotton Trade Jour. 20(26): 7. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.
2236. Tenth National cotton week. Another successful sales promotion sponsored by Cotton-textile institute, National cotton council and affiliated organizations--local groups co-operate--color film well received. Amer. Wool and Cotton Rptr. 54(22): 7-8, 17. May 30, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
2237. [U. S. Dept. of agriculture. Agricultural marketing service] Textile industry development in U. S. is rehearsed on radio. Story told from earliest days, recites southward shift since 1930. Cotton Trade Jour. 20(25): 3. June 22, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Text of a radio program broadcast June 21, 1940.

2238. [Williams, Ben J.] Debacle of world trade and cotton is blamed on U. S. Williams says America not guiltless, urges shouldering of obligations. Cotton Trade Jour. 20(26): 1, 5. June 29, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.)

72.8 C8214

Extracts from address before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.

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